

SEQUENCE LISTING

<110> Melton et al.

<120> Use of Carboxypeptidase G for
Combating Antifolate Toxicity

<130> 28646/42267

<140> PCT/GB2005/000751

<141> 2005-02-28

<150> GB 0404487.1

<151> 2004-02-28

<160> 1

<170> PatentIn version 3.1

<210> 1

<211> 415

<212> PRT

<213> Variovorax paradoxus

<400> 1

Met Arg Pro Ser Ile His Arg Thr Ala Ile Ala Ala Val Leu Ala Thr
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Ala Phe Val Ala Gly Thr Ala Leu Ala Gln Lys Arg Asp Asn Val Leu
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Phe Gln Ala Ala Thr Asp Glu Gln Pro Ala Val Ile Lys Thr Leu Glu
35 40 45

Lys Leu Val Asn Ile Glu Thr Gly Thr Gly Asp Ala Glu Gly Ile Ala
50 55 60

Ala Ala Gly Asn Phe Leu Glu Ala Glu Leu Lys Asn Leu Gly Phe Thr
65 70 75 80

Val Thr Arg Ser Lys Ser Ala Gly Leu Val Val Gly Asp Asn Ile Val
85 90 95

Gly Lys Ile Lys Gly Arg Gly Lys Asn Leu Leu Leu Met Ser His
100 105 110

Met Asp Thr Val Tyr Leu Lys Gly Ile Leu Ala Lys Ala Pro Phe Arg
115 120 125

Val Glu Gly Asp Lys Ala Tyr Gly Pro Gly Ile Ala Asp Asp Lys Gly
130 135 140

Gly Asn Ala Val Ile Leu His Thr Leu Lys Leu Leu Lys Glu Tyr Gly
145 150 155 160

Val Arg Asp Tyr Gly Thr Ile Thr Val Leu Phe Asn Thr Asp Glu Glu
165 170 175

Lys Gly Ser Phe Gly Ser Arg Asp Leu Ile Gln Glu Glu Ala Lys Leu
180 185 190

Ala Asp Tyr Val Leu Ser Phe Glu Pro Thr Ser Ala Gly Asp Glu Lys
195 200 205

Leu Ser Leu Gly Thr Ser Gly Ile Ala Tyr Val Gln Val Asn Ile Thr
210 215 220

Gly Lys Ala Ser His Ala Gly Ala Ala Pro Glu Leu Gly Val Asn Ala
225 230 235 240

Leu Val Glu Ala Ser Asp Leu Val Leu Arg Thr Met Asn Ile Asp Asp
245 250 255

Lys Ala Lys Asn Leu Arg Phe Asn Trp Thr Ile Ala Lys Ala Gly Asn
260 265 270

Val Ser Asn Ile Ile Pro Ala Ser Ala Thr Leu Asn Ala Asp Val Arg
275 280 285

Tyr Ala Arg Asn Glu Asp Phe Asp Ala Ala Met Lys Thr Leu Glu Glu
290 295 300

Arg Ala Gln Gln Lys Lys Leu Pro Glu Ala Asp Val Lys Val Ile Val
305 310 315 320

Thr Arg Gly Arg Pro Ala Phe Asn Ala Gly Glu Gly Gly Lys Leu
325 330 335

Val Asp Lys Ala Val Ala Tyr Tyr Lys Glu Ala Gly Gly Thr Leu Gly
340 345 350

Val Glu Glu Arg Thr Gly Gly Thr Asp Ala Ala Tyr Ala Ala Leu
355 360 365

Ser Gly Lys Pro Val Ile Glu Ser Leu Gly Leu Pro Gly Phe Gly Tyr
370 375 380

His Ser Asp Lys Ala Glu Tyr Val Asp Ile Ser Ala Ile Pro Arg Arg
385 390 395 400

Leu Tyr Met Ala Ala Arg Leu Ile Met Asp Leu Gly Ala Gly Lys
405 410 415